

# Fertilizers and Chemicals Applied: 2007 and 2002①

## Pastureland and rangeland fertilized

Geography	Land Area in Square Miles ②	2007 Acres Treated	2007 Square Miles Treated ③	% of Land Area Treated ④	2002 Acres Treated	2002 Square Miles Treated ③	% of Land Area Treated ④	% of Increase or Decrease ⑤
Adair County	567	20,654	32	5.69%	18,564	29	5.12%	0.58%
Andrew County	436	12,400	19	4.44%	7,780	12	2.79%	1.66%
Atchison County	560	11,514	18	3.21%	7,923	12	2.21%	1.00%
Audrain County	692	20,941	33	4.73%	20,776	32	4.69%	0.04%
Barry County	773	41,380	65	8.36%	48,575	76	9.82%	-1.45%
Barton County	597	35,553	56	9.31%	39,789	62	10.41%	-1.11%
Bates County	849	58,212	91	10.71%	64,442	101	11.86%	-1.15%
Benton County	729	26,624	42	5.71%	32,625	51	6.99%	-1.29%
Bollinger County	621	33,042	52	8.31%	24,365	38	6.13%	2.18%
Boone County	687	21,046	33	4.79%	17,767	28	4.04%	0.75%
Buchanan County	409	10,845	17	4.14%	11,605	18	4.43%	-0.29%
Butler County	698	6,004	9	1.34%	6,209	10	1.39%	-0.05%
Caldwell County	431	17,010	27	6.17%	10,525	16	3.82%	2.35%
Callaway County	842	24,882	39	4.62%	18,194	28	3.38%	1.24%
Camden County	641	15,458	24	3.77%	16,195	25	3.95%	-0.18%
Cape Girardeau County	577	32,556	51	8.82%	34,749	54	9.41%	-0.59%
Carroll County	695	24,392	38	5.48%	27,749	43	6.24%	-0.75%
Carter County	509	6,996	11	2.15%	9,891	15	3.04%	-0.89%
Cass County	702	33,197	52	7.39%	49,901	78	11.11%	-3.72%

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Cedar County	471	29,014	45	9.63%	37,928	59	12.58%	-2.96%
Chariton County	758	26,652	42	5.49%	25,336	40	5.22%	0.27%
Christian County	564	25,087	39	6.95%	47,995	75	13.30%	-6.35%
Clark County	507	13,784	22	4.25%	9,274	14	2.86%	1.39%
Clay County	403	11,886	19	4.61%	14,569	23	5.65%	-1.04%
Clinton County	423	21,357	33	7.89%	15,880	25	5.87%	2.02%
Cole County	392	31,992	50	12.75%	29,208	46	11.64%	1.11%
Cooper County	566	32,393	51	8.94%	23,333	36	6.44%	2.50%
Crawford County	744	31,162	49	6.54%	26,740	42	5.62%	0.93%
Dade County	491	43,256	68	13.77%	51,699	81	16.45%	-2.69%
Dallas County	543	33,776	53	9.72%	34,843	54	10.03%	-0.31%
Daviess County	568	25,973	41	7.14%	21,143	33	5.82%	1.33%
DeKalb County	425	19,834	31	7.29%	27,353	43	10.06%	-2.76%
Dent County	755	31,040	49	6.42%	69,033	108	14.29%	-7.86%
Douglas County	814	40,441	63	7.76%	34,858	54	6.69%	1.07%
Dunklin County	547	1,098	2	0.31%	496	1	0.14%	0.17%
Franklin County	922	38,101	60	6.46%	33,645	53	5.70%	0.76%
Gasconade County	521	33,899	53	10.17%	22,788	36	6.83%	3.33%
Gentry County	493	25,276	39	8.01%	35,128	55	11.13%	-3.12%

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Greene County	678	34,159	53	7.87%	40,762	64	9.39%	-1.52%
Grundy County	437	14,043	22	5.02%	12,150	19	4.34%	0.68%
Harrison County	725	22,835	36	4.92%	20,878	33	4.50%	0.42%
Henry County	729	53,213	83	11.41%	49,800	78	10.67%	0.73%
Hickory County	411	24,447	38	9.29%	23,071	36	8.77%	0.52%
Holt County	456	5,587	9	1.91%	9,278	14	3.18%	-1.26%
Howard County	464	14,949	23	5.03%	11,799	18	3.97%	1.06%
Howell County	927	89,663	140	15.11%	105,132	164	17.72%	-2.61%
Iron County	552	8,438	13	2.39%	5,898	9	1.67%	0.72%
Jackson County	611	6,785	11	1.74%	5,463	9	1.40%	0.34%
Jasper County	641	42,779	67	10.43%	40,589	63	9.89%	0.53%
Jefferson County	668	8,977	14	2.10%	10,829	17	2.53%	-0.43%
Johnson County	834	58,958	92	11.05%	64,131	100	12.01%	-0.97%
Knox County	507	17,245	27	5.31%	27,491	43	8.47%	-3.16%
Laclede County	770	44,812	70	9.09%	65,922	103	13.38%	-4.28%
Lafayette County	632	25,044	39	6.19%	25,286	40	6.25%	-0.06%
Lawrence County	614	70,687	110	17.99%	60,782	95	15.47%	2.52%
Lewis County	508	16,938	26	5.21%	27,111	42	8.34%	-3.13%
Lincoln County	627	14,639	23	3.65%	12,461	19	3.11%	0.54%

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Linn County	620	33,860	53	8.53%	33,299	52	8.39%	0.14%
Livingston County	537	14,731	23	4.29%	18,277	29	5.32%	-1.03%
McDonald County	541	24,039	38	6.94%	16,637	26	4.81%	2.14%
Macon County	797	36,808	58	7.22%	23,862	37	4.68%	2.54%
Madison County	497	13,682	21	4.30%	7,721	12	2.43%	1.87%
Maries County	528	58,327	91	17.26%	50,757	79	15.02%	2.24%
Marion County	438	11,759	18	4.19%	6,993	11	2.49%	1.70%
Mercer County	454	14,766	23	5.08%	17,979	28	6.19%	-1.11%
Miller County	593	40,998	64	10.80%	38,588	60	10.17%	0.64%
Mississippi County	410	1,141	2	0.43%	409	1	0.16%	0.28%
Moniteau County	417	52,280	82	19.59%	42,752	67	16.02%	3.57%
Monroe County	670	21,401	33	4.99%	23,517	37	5.48%	-0.49%
Montgomery County	540	18,039	28	5.22%	14,558	23	4.21%	1.01%
Morgan County	594	38,394	60	10.10%	26,072	41	6.86%	3.24%
New Madrid County	679	371	1	0.09%	(D)	---	---	---
Newton County	627	41,312	65	10.30%	50,334	79	12.54%	-2.25%
Nodaway County	875	59,299	93	10.59%	60,088	94	10.73%	-0.14%
Oregon County	792	48,586	76	9.59%	55,656	87	10.98%	-1.39%
Osage County	606	60,556	95	15.61%	60,192	94	15.52%	0.09%

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Ozark County	731	41,636	65	8.90%	61,544	96	13.15%	-4.26%
Pemiscot County	517	820	1	0.25%	—	---	---	---
Perry County	473	25,488	40	8.42%	16,869	26	5.57%	2.85%
Pettis County	686	43,231	68	9.85%	30,646	48	6.98%	2.87%
Phelps County	674	27,939	44	6.48%	32,338	51	7.50%	-1.02%
Pike County	673	26,540	41	6.16%	22,390	35	5.20%	0.96%
Platte County	421	10,031	16	3.72%	20,309	32	7.54%	-3.81%
Polk County	642	56,950	89	13.86%	58,865	92	14.33%	-0.47%
Pulaski County	551	16,269	25	4.61%	26,323	41	7.46%	-2.85%
Putnam County	520	24,406	38	7.33%	21,357	33	6.42%	0.92%
Ralls County	481	10,579	17	3.44%	16,596	26	5.39%	-1.95%
Randolph County	473	15,453	24	5.10%	12,021	19	3.97%	1.13%
Ray County	568	23,739	37	6.53%	24,877	39	6.84%	-0.31%
Reynolds County	808	9,878	15	1.91%	10,597	17	2.05%	-0.14%
Ripley County	632	20,241	32	5.00%	23,329	36	5.77%	-0.76%
Saint Charles County	558	3,374	5	0.94%	4,903	8	1.37%	-0.43%
Saint Clair County	698	38,928	61	8.71%	30,729	48	6.88%	1.84%
Sainte Genevieve County	504	25,065	39	7.77%	19,140	30	5.93%	1.84%
Saint Francois County	451	16,590	26	5.75%	15,922	25	5.52%	0.23%

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Saint Louis County	505	427	1	0.13%	(D)	---	---	---
Saline County	755	18,872	29	3.91%	14,694	23	3.04%	0.86%
Schuyler County	308	13,111	20	6.65%	13,366	21	6.78%	-0.13%
Scotland County	439	13,674	21	4.87%	10,583	17	3.77%	1.10%
Scott County	423	4,898	8	1.81%	4,144	6	1.53%	0.28%
Shannon County	1,004	24,682	39	3.84%	21,706	34	3.38%	0.46%
Shelby County	501	16,792	26	5.24%	13,980	22	4.36%	0.88%
Stoddard County	815	6,342	10	1.22%	10,311	16	1.98%	-0.76%
Stone County	451	16,688	26	5.78%	16,662	26	5.77%	0.01%
Sullivan County	651	23,627	37	5.67%	24,879	39	5.97%	-0.30%
Taney County	608	11,387	18	2.93%	17,570	27	4.52%	-1.59%
Texas County	1,180	76,738	120	10.16%	102,352	160	13.55%	-3.39%
Vernon County	837	64,464	101	12.03%	39,703	62	7.41%	4.62%
Warren County	429	12,233	19	4.46%	7,222	11	2.63%	1.83%
Washington County	762	15,328	24	3.14%	8,414	13	1.73%	1.42%
Wayne County	763	12,190	19	2.50%	14,193	22	2.91%	-0.41%
Webster County	594	44,188	69	11.62%	50,825	79	13.37%	-1.75%
Worth County	266	13,757	21	8.08%	9,675	15	5.68%	2.40%
Wright County	682	57,061	89	13.07%	81,392	127	18.65%	-5.57%

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Saint Louis City <sup>⑥</sup>	61	---	---	---	---	---	---	---
Statewide	69,709	3,016,890	4,714	6.76%	3,106,330	4,854	6.96%	-0.20%

**PRIMARY DATA SOURCE:** 2007 Census of Agriculture, United States Department of Agriculture (USDA), National Agricultural Statistics Service (NASS): Missouri State and County Data, Volume 1, Geographic Area Series, Part 25, [AC-07-A25], Table 42: Issued February 2009, Updated December 2009

<sup>①</sup> 2002 data are based on a sample of farms

<sup>②</sup> Land Area in Square Miles value is obtained from the Missouri Secretary of State's Missouri Roster

<sup>③</sup> Square Miles Treated value is obtained by calculating Acres Treated value \* 0.0015625

<sup>④</sup> % of Land Area Treated value is obtained by calculating Square Miles Treated value/Land Area in Square Miles value

<sup>⑤</sup> % of Increase or Decrease value is obtained by calculating 2002 % of Land Area Treated Value -2007 % of Land Area Treated Value

<sup>⑥</sup> The USDA/NASS census definition of a farm is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The definition is consistent with the definition used for current USDA surveys and was first used for the 1974 *Census of Agriculture*; and has been used in each subsequent agriculture census. St. Louis City does not contain any property(ies) that currently meet this definition per USDA.

(D) Withheld to avoid disclosing data for individual farms, per USDA/NASS.